

Aviation Safety Bulletin

ASB No: 90/019/

OCT, 2001

Subject :

Glide Slope showed abnormal during approach and pitch bar indication was momentarily 5 degrees below normal expected glide-path until GPWS alerted.

Background :

On October 5, 2001, an aircraft was making a normal approach to HKG. The FO acting as PF conducted HKG RWY 07R ILS with A/P engaged. The aircraft was vectored by ATC to the LOC course and was established at 1,700ft. Subsequently, G/S was shown abnormal with indication of G/S Amber bar appearing momentarily, left and right side PFD pitch bars fluctuating then returning to the normally captured indication. The PIC took over shortly afterwards to continue the approach. Meanwhile the pitch bar showed 5 degrees lower than the horizontal bar until GPWS aural warning sounded. The FO observed 4 red lights on the PAPI and called out “Go Around.” The PIC acknowledged runway with visual contact (Visibility was 8 KM) and manually re-intercepted glide path for a normal landing.

Recommendation:

1. Crews should monitor FMA (Flight Mode Annunciator) and take timely correction.
2. Comply with “Stabilized Approach” operating procedures.

In doubt, continuously cross check and return to “Basic Mode” operations.

For investigation purpose, preserve and save CVR data if possible.

Enhance communication with ATC and ATC should remind crews when observing abnormality.